

# M Carmen Nicasio

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5499343/publications.pdf>

Version: 2024-02-01

65  
papers

3,612  
citations

109137

35  
h-index

128067

60  
g-index

80  
all docs

80  
docs citations

80  
times ranked

3192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zero-valent ML <sub>2</sub> complexes of group 10 metals supported by terphenyl phosphanes. <i>Chemical Communications</i> , 2021, 57, 3083-3086.	2.2	6
2	N-substituted aminobiphenyl palladacycles stabilized by dialkylterphenyl phosphanes: Preparation and applications in C N cross-coupling reactions. <i>Inorganica Chimica Acta</i> , 2021, 518, 120214.	1.2	6
3	Ni(II) Precatalysts Enable Thioetherification of (Hetero)Aryl Halides and Tosylates and Tandem C <sup>~</sup> S/C <sup>~</sup> N Couplings. <i>Chemistry - A European Journal</i> , 2021, 27, 12320-12326.	1.7	24
4	Breaking bonds over many timescales: in celebration of Robin Perutz's 70th birthday. <i>Dalton Transactions</i> , 2020, 49, 254-255.	1.6	0
5	Dialkylterphenyl Phosphine-Based Palladium Precatalysts for Efficient Aryl Amination of <i>N</i> -Nucleophiles. <i>Chemistry - A European Journal</i> , 2020, 26, 1064-1073.	1.7	10
6	Dinuclear Cu(I) Halides with Terphenyl Phosphines: Synthesis, Photophysical Studies, and Catalytic Applications in CuAAC Reactions. <i>Inorganic Chemistry</i> , 2020, 59, 10894-10906.	1.9	13
7	Low-coordinate M(0) complexes of group 10 stabilized by phosphorus(III) ligands and N-heterocyclic carbenes. <i>Advances in Organometallic Chemistry</i> , 2020, , 241-323.	0.5	4
8	Palladium-mediated intramolecular dearomatization of ligated dialkylterphenyl phosphines. <i>Dalton Transactions</i> , 2019, 48, 14575-14579.	1.6	2
9	Evaluating stereoelectronic properties of bulky dialkylterphenyl phosphine ligands. <i>Journal of Organometallic Chemistry</i> , 2019, 896, 120-128.	0.8	21
10	Synthesis, Structure and Nickel Carbonyl Complexes of Dialkylterphenyl Phosphines. <i>Chemistry - A European Journal</i> , 2019, 25, 260-272.	1.7	33
11	Elucidating the Mechanism of Aryl Aminations Mediated by NHC-Supported Nickel Complexes: Evidence for a Nonradical Ni(0)/Ni(II) Pathway. <i>ACS Catalysis</i> , 2018, 8, 3733-3742.	5.5	53
12	Phosphine-functionalized NHC Ni(II) and Ni(0) complexes: synthesis, characterization and catalytic properties. <i>Dalton Transactions</i> , 2017, 46, 7603-7611.	1.6	21
13	Ni-Catalyzed Amination Reactions: An Overview. <i>Chemical Record</i> , 2016, 16, 1819-1832.	2.9	117
14	C <sup>~</sup> N Coupling of Indoles and Carbazoles with Aromatic Chlorides Catalyzed by a Single-Component Ni-Nickel(0) Precursor. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 907-911.	2.1	37
15	Copper-catalysed azide-alkyne cycloadditions (CuAAC): an update. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 9528-9550.	1.5	436
16	Reaction of Alkynes and Azides: Not Triazoles Through Copper-Acetylides but Oxazoles Through Copper-Nitrene Intermediates. <i>Chemistry - A European Journal</i> , 2014, 20, 3463-3474.	1.7	45
17	1,2,3-Triazoles from carbonyl azides and alkynes: filling the gap. <i>Chemical Communications</i> , 2014, 50, 8978.	2.2	30
18	Synthesis, Structural Characterization, Reactivity, and Catalytic Properties of Copper(I) Complexes with a Series of Tetradentate Tripodal Tris(pyrazolylmethyl)amine Ligands. <i>Inorganic Chemistry</i> , 2014, 53, 4192-4201.	1.9	32

#	ARTICLE	IF	CITATIONS
19	Silver-catalyzed silicon- $\alpha$ -hydrogen bond functionalization by carbene insertion. <i>Dalton Transactions</i> , 2013, 42, 1191-1195.	1.6	25
20	Kumada-Tamao-Corriu Coupling of Heteroaromatic Chlorides and Aryl Ethers Catalyzed by (IPr)Ni(allyl)Cl. <i>Organic Letters</i> , 2012, 14, 4318-4321.	2.4	124
21	Synthesis, Structural Characterization, and Catalytic Activity of IPrNi(styrene) <sub>2</sub> in the Amination of Aryl Tosylates. <i>Organometallics</i> , 2012, 31, 6312-6316.	1.1	74
22	Copper(I) Complexes with Trispyrazolylmethane Ligands: Synthesis, Characterization, and Catalytic Activity in Cross-Coupling Reactions. <i>Inorganic Chemistry</i> , 2012, 51, 8298-8306.	1.9	26
23	Regioselective Formation of 2,5-Disubstituted Oxazoles Via Copper(I)-Catalyzed Cycloaddition of Acyl Azides and 1-Alkynes. <i>Journal of the American Chemical Society</i> , 2011, 133, 191-193.	6.6	146
24	Well-Defined Allylnickel Chloride/ $\pi$ -Heterocyclic Carbene [(NHC)Ni(allyl)Cl] Complexes as Highly Active Precatalysts for C-C and C-S Cross-Coupling Reactions. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1949-1954.	2.1	85
25	Copper(I) complexes as catalysts for the synthesis of N-sulfonyl-1,2,3-triazoles from N-sulfonylazides and alkynes. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 536-538.	1.5	54
26	Hydrotrispyrazolylborate-copper complexes as catalysts for the styrene cyclopropanation reaction with ethyl diazoacetate under homogeneous and heterogeneous conditions. <i>Inorganica Chimica Acta</i> , 2009, 362, 4599-4602.	1.2	7
27	Dinuclear Copper(I) Complexes as Precatalysts in Ullmann and Goldberg Coupling Reactions. <i>Organometallics</i> , 2009, 28, 3815-3821.	1.1	50
28	Nitrene transfer reactions catalysed by copper(I) complexes in ionic liquid using chloramine-T. <i>Dalton Transactions</i> , 2009, , 730-734.	1.6	18
29	Catalytic Carbon- $\alpha$ -Hydrogen Bond Functionalization in an Ionic Liquid Medium. <i>Organometallics</i> , 2007, 26, 6661-6668.	1.1	26
30	Synthesis, Characterization, and Reactivity of Ruthenium Diene/Diamine Complexes Including Catalytic Hydrogenation of Ketones. <i>Inorganic Chemistry</i> , 2007, 46, 9405-9414.	1.9	14
31	The carbene insertion methodology for the catalytic functionalization of unreactive hydrocarbons: No classical C-H activation, but efficient C-H functionalization. <i>Dalton Transactions</i> , 2006, , 5559-5566.	1.6	66
32	Very Efficient, Reusable Copper Catalyst for Carbene Transfer Reactions under Biphasic Conditions Using Ionic Liquids. <i>Organic Letters</i> , 2006, 8, 557-560.	2.4	43
33	Functionalization of Primary Carbon- $\alpha$ -Hydrogen Bonds of Alkanes by Carbene Insertion with a Silver-Based Catalyst. <i>Organometallics</i> , 2005, 24, 1528-1532.	1.1	102
34	Copper-Homocorponate Complexes as Very Active Catalysts for the Olefin Aziridination Reaction. <i>ChemInform</i> , 2004, 35, no.	0.1	0
35	Alkane Dehydrogenation by Sequential, Double C-H Bond Activation by TpBr <sub>3</sub> Ir(C <sub>2</sub> H <sub>4</sub> ) <sub>2</sub> (TpBr <sub>3</sub> =) Tj ETQq1 1 0.784314 rgBT /Overlook	1.1	15
36	Complete Control of the Chemoselectivity in Catalytic Carbene Transfer Reactions from Ethyl Diazoacetate: A $\pi$ -N-Heterocyclic Carbene-Cu System That Suppresses Diazo Coupling. <i>Journal of the American Chemical Society</i> , 2004, 126, 10846-10847.	6.6	115

#	ARTICLE	IF	CITATIONS
37	Reaction of Ethyl Diazoacetate with Alkyl-Aromatic Substrates: Influence of the $Tp_xCu$ Catalyst in the Addition versus Insertion Chemoselectivity ( $Tp_x$ = Homoscorpionate). <i>Organometallics</i> , 2004, 23, 293-295.	1.1	57
38	Copper-Homoscorpionate Complexes as Very Active Catalysts for the Olefin Aziridination Reaction. <i>Organometallics</i> , 2004, 23, 253-256.	1.1	94
39	Catalytic Insertion of Diazo Compounds into $N-H$ Bonds: The Copper Alternative.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
40	Copper-Catalyzed Carbene Insertion into $O-H$ Bonds: High Selective Conversion of Alcohols into Ethers. <i>Organometallics</i> , 2003, 22, 2914-2918.	1.1	40
41	Functionalization of Carbon-Hydrogen Bonds of Hydrocarbons and Ethers via Carbene Insertion with Copper(I)-Homoscorpionate Catalysts. <i>Organometallics</i> , 2003, 22, 4145-4150.	1.1	69
42	Highly Regioselective Functionalization of Aliphatic Carbon-Hydrogen Bonds with a Perbromohomoscorpionate Copper(I) Catalyst. <i>Journal of the American Chemical Society</i> , 2003, 125, 1446-1447.	6.6	122
43	Cyclohexane and Benzene Amination by Catalytic Nitrene Insertion into $C-H$ Bonds with the Copper-Homoscorpionate Catalyst $TpBr_3Cu(NCMe)$ . <i>Journal of the American Chemical Society</i> , 2003, 125, 12078-12079.	6.6	160
44	Intermolecular Copper-Catalyzed Carbon-Hydrogen Bond Activation via Carbene Insertion. <i>Journal of the American Chemical Society</i> , 2002, 124, 896-897.	6.6	139
45	Copper(I)-Homoscorpionate Catalysts for the Preferential, Kinetically Controlled Cis Cyclopropanation of $\pm$ -Olefins with Ethyl Diazoacetate. <i>Journal of the American Chemical Society</i> , 2002, 124, 978-983.	6.6	98
46	Catalytic insertion of diazo compounds into $N-H$ bonds: the copper alternative. <i>Chemical Communications</i> , 2002, , 2998-2999.	2.2	86
47	Intramolecular dealkylation of chelating diamines with Ru(ii) complexes. <i>Chemical Communications</i> , 2002, , 1848-1849.	2.2	12
48	A family of highly active copper(i)-homoscorpionate catalysts for the alkyne cyclopropanation reaction. <i>Chemical Communications</i> , 2001, , 1804-1805.	2.2	63
49	Substitution and Hydrogenation Reactions on Rhodium(I)-Ethylene Complexes of the Hydrotris(pyrazolyl)borate Ligands $Tp^{\sim}$ ( $Tp^{\sim}$ = $Tp$ , $TpMe_2$ ). <i>Inorganic Chemistry</i> , 2000, 39, 180-188.	1.9	46
50	From Homogeneous to Heterogeneous Catalysis: Novel Anchoring of Polypyrazolylborate Copper(I) Complexes on Silica Gel through Classical and Nonclassical Hydrogen Bonds. Use as Catalysts of the Olefin Cyclopropanation Reaction. <i>Organometallics</i> , 2000, 19, 285-289.	1.1	47
51	Kinetics of the $BpCu$ -Catalyzed Carbene Transfer Reaction ( $Bp$ = Dihydrobis(1-pyrazolyl)borate). Is a 14-Electron Species the Real Catalyst for the General Copper-Mediated Olefin Cyclopropanation?. <i>Organometallics</i> , 1999, 18, 2601-2609.	1.1	65
52	Synthesis and characterisation of rhodium(I) complexes containing the dihydrobis(pyrazolyl)borate		

#	ARTICLE	IF	CITATIONS
55	Vinylic C-H Bond Activation and Hydrogenation Reactions of Tp-Ir(C <sub>2</sub> H <sub>4</sub> )(L) Complexes. <i>Inorganic Chemistry</i> , 1998, 37, 4538-4546.	1.9	49
56	BpCu-Catalyzed Cyclopropanation of Olefins: A Simple System That Operates under Homogeneous and Heterogeneous Conditions (Bp = Dihydrido-bis(pyrazolyl)borate). <i>Organometallics</i> , 1998, 17, 3051-3057.	1.1	60
57	Transient Photochemistry, Matrix Isolation, and Molecular Structure of cis-Ru(dmpm) <sub>2</sub> H <sub>2</sub> (dmpm = 1,1'-bis(2-dimethylphosphino)ethane). <i>Journal of the American Chemical Society</i> , 1997, 119, 10047-10054.	1.1	14
58	Synthesis and reactivity of new palladium alkyl complexes containing PMe <sub>3</sub> ligands: Insertion reactions and formation of bis(pyrazolyl)borate derivatives. <i>Journal of Organometallic Chemistry</i> , 1997, 549, 167-176.	0.8	28
59	Formation of Hydrido- $\eta^3$ -Allyl Complexes of Ir <sup>III</sup> by Sequential Olefinic C-H Bond Activation and C-C Coupling of Alkenyl and Olefin Ligands. <i>Chemistry - A European Journal</i> , 1997, 3, 860-873.	1.7	102
60	Laser Flash Photolysis and Matrix Isolation Studies of Ru[R <sub>2</sub> PCH <sub>2</sub> CH <sub>2</sub> PR <sub>2</sub> ] <sub>2</sub> H <sub>2</sub> (R = C <sub>2</sub> H <sub>5</sub> , C <sub>6</sub> H <sub>5</sub> , C <sub>2</sub> F <sub>5</sub> ): Control of Oxidative Addition Rates by Phosphine Substituents. <i>Journal of the American Chemical Society</i> , 1995, 117, 10047-10054.	6.6	49
61	An iridium(III) compound that thermally activates two molecules of benzene and forms a stable dinitrogen complex. <i>Journal of the American Chemical Society</i> , 1994, 116, 791-792.	6.6	61
62	Dialkyl complexes of nickel(II) containing chelating diphosphines. The crystal structure of [Ni(CH <sub>2</sub> SiMe <sub>2</sub> Ph) <sub>2</sub> (i-Pr <sub>2</sub> PCH <sub>2</sub> CH <sub>2</sub> Pr <sub>2</sub> )]. <i>Journal of Organometallic Chemistry</i> , 1993, 444, 245-250.	0.8	9
63	Alkylidenes by $\alpha$ -hydrogen abstraction from metallacycles. Synthesis and characterization of alkylidene-bridged complexes of nickel. <i>Organometallics</i> , 1993, 12, 4431-4442.	1.1	14
64	Monohapto co-ordination of poly(tert-butylpyrazolyl)borate ligands in nickel and palladium complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 2651-2652.	1.1	24
65	Double carbon-hydrogen activation at the $\alpha$ -carbon of cyclic ethers by Tp <sup>*</sup> Ir(C <sub>2</sub> H <sub>4</sub> ) <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 1992, 114, 7288-7290.	6.6	77